

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/SE 2004/001431

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7: H04B 1/707, G06F 17/15**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

**IPC7: H04B, G06F, H04Q, G01S**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

**SE,DK,FI,NO classes as above**

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**EPO-INTERNAL, WPI DATA, PAJ**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 9103892 A1 (ADVANCED SYSTEMS RESEARCH PTY LIMITED), 21 March 1991 (21.03.1991), claim 17, abstract --	1,2,4-5
Y	EP 1089452 A1 (LUCENT TECHNOLOGIES INC.), 4 April 2001 (04.04.2001), abstract, [0008]-[0010]; [0023];[0035]-[0041];[0044] --	1,2,4-15
A	US 6546256 B1 (JOHN E. MALONEY ET AL), 8 April 2003 (08.04.2003), column 1, line 14 - column 3, line 56; column 7, line 40 - column 9, line 34, abstract -----	1,12

 Further documents are listed in the continuation of Box C. See patent family annex.

- \* Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed
- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search <b>28 January 2005</b>	Date of mailing of the international search report <b>08-02-2005</b>
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86	Authorized officer <b>Peter Hedman/MN</b> Telephone No. +46 8 782 25 00

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

31/12/2004

International application No.

PCT/SE 2004/001431

WO	9103892	A1	21/03/1991	AU	6283290	A	08/04/1991
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US	6546256	B1	08/04/2003	US	20030129996	A	10/07/2003
				AU	6533498	A	07/08/1998
				EP	1048179	A,B	02/11/2000
				SE	1048179	T3	
				IL	137291	D	00/00/0000
				US	6047192	A	04/04/2000
				WO	9832297	A	23/07/1998
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